BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work :- Providing CC Camera at Mallasandra, BHEL mini colony, vijalakshmi layout, Ravindra Nagara and other Area block spots in Mallasandra ward no 13 in Shettyhalli Sub Division.

Estimated Cost Rs.30.00 Lakhs.

Sl No	Description of work	No	Dimensions L	Dimensions B	Dimensions D	Quantity	Rate	Unit	Amount
	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2018-19								
	For Pole	13	0.70	0.70	1.00	6.37			
						6.37	**211.79**	**Cum**	**1349.09**
	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 I.No-4.20 of KPWD S.R 2018-19(page.no.12,Item 4.2)								
	For Pole	13	0.70	0.70	0.15	0.96			
						0.96	**5505.64**	**Cum**	**5260.64**
	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2018-19)								
	same as per Qty No.1					6.37			
						6.37	**213.06**	**Cum**	**1357.19**
	4.0 Mega Pixel high definition upto 60Mtr IR Night Vision CCTV Camera-EXIR with SD Card Provision (Data Rate Approved)								
		39				39.00			
					Total	**39.00**	**16247.00**	**No's**	**633633.00**

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	Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
			L	B	D				
	Supplying Pole for PTZ Erection woth Civil Work Engineer in Charge of work (Data Rate Approved)								
		13				13.00			
					Total	13.00	17175.00	Each	223275.00
	Supplying Of 6U Rack with SS Lock & Key (Data Ra/te Approved)								
		13				13.00			
					Total	13.00	5400.00	No's	70200.00
	Junction Metal Box (Data Rate Approved)								
		13				13.00			
					Total	13.00	450.00	No's	5850.00
8	5 Port Switch (Data Rate Approved)								
		13				13.00			
					Total	13.00	575.00	No's	7475.00
9	HDMI Splitter or Auto Video Switch Output (Data Rate Approved)								
		13				13.00			
					Total	13.00	2905.00	No's	37765.00
10	Power Adopter (Data Rate Approved)								
		13				13.00			
					Total	13.00	290.00	No's	3770.00
11	Supply and Installation/Fixing/Provision of Outdoor type Thermoplastic Modular Panel Enclosure with Transparent Polycarbonate Lid Shock Proof IP65 (weather Proof) Rust proof Dust Proof, water proof Corrosion proof having internally embedded gasket on both lid and flap suitable to fix singale phase/ Three Phase Energy Meter in suitable base plate and having a provision for fuse/MCB Cutout along with complete tamper proof SEALING facility 600mm X 600mm X 170MM (page No.50 Item No.6.42.4) (Electrical SR 2014-15)								
		1				1.00			
					Total	1.00	13728.00	Each	13728.00
12	UPS 2Hours Backup								
		14				14.00			

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	Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
			L	B	D				
					Total	14.00	8704.00	No's	121856.00
13	Battery 2 Hours Backup								
		1				1.00			
					Total	1.00	10776.00	No's	10776.00
14	Supplying of 32 Channel NVR (NVR defulat without HDD) with 2SATA H264 Compression Engineer in Charge of work (Data Rate Approved)								
		1				1.00			
					Total	1.00	38000.00	No's	38000.00
15	Supplying of 4 TB Harddisk-seagate Engineer in Charge of work (Data Rate Approved)								
		4				4.00			
					Total	4.00	13000.00	No's	52000.00
16	Supplying of 4+4 POE switch TP link Engineer in Charge of work (Date Rate Approved)								
		13				13.00			
					Total	13.00	7174.00	No's	93262.00
17	Suuplying of 4 Pin Spike Pin Cana/reputed Engineer in Charge of work (Date Rate Approved)								
		26				26.00			
					Total	26.00	1145.00	Each	29770.00
18	Outdoor Supportable CAD6/CAD5 Cable /Power Cable FRLS (Data Rate Approved)								
		13	157.00			2041.00			
					Total	2041.00	140.00	Permtr	285740.00
19	Outdoor Supportable CAD6/CAD5 Cable /Power Cable Cabling,Laying Charges								
		13	157.00			2041.00			
					Total	2041.00	140.00	Permtr	285740.00
20	HDMI Patch cable for connectivity Engineer in Charge of work (Data Rate Approved)								

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Sl No	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
		39				39.00			
					Total	39.00	550.00	No's	21450.00
21	Supplying Of 12V/2.5A Adopter (Data Rate Approved)								
		39				39.00			
					Total	39.00	285.00	No's	11115.00
22	Circuit Breaker For CC TV Protection (Data Rate Approved)								
		39				39.00			
					Total	39.00	252.00	No's	9828.00
23	Supplying of Hardware items and fixing charges Engineer in Charge of work (Data Rate Approved)								
		39				39.00			
					Total	39.00	1450.00	Each	56550.00
24	CPU - i3 Processer- 450 MHZ, 8Gb Ram, 250Gb Hard Disk Full Core (Date Rate Approved)								
		1				1.00			
					Total	1.00	41564.00	No's	41564.00
25	Installation Charges for Camera and NVR Engineer in Charge of work (Date Rate Approved)								
		40				40.00			
					Total	40.00	4050.00	Set	162000.00
26	IP Configuration Engineer in Charge of work (Date Rate Approved)								
		40				40.00			
					Total	40.00	3230.00	Each	129200.00
27	Supplying Of 42" LED TV Make Samsung/LG/Philips/Videocon (Date Rate Approved)								
		1				1.00			
					Total	1.00	70952.00	Each	70952.00
28	1 Year Maintainance Checking of NVR Quaterly Check								
		1				1.00			
					Total	1.00	150480.00	Each	150480.00
						Total Construction Cost			2573945.92
						GST Charges 12%			308873.51
						KRIDL Charges 4.5%			115827.57
						Sub Total			2998647.00

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Miscellaneous and unforseen Charges	2126.30
TOTAL	3000000.00

(Rupees Thirty Lakhs Only)

Certificate:

1. The work spot has been inspected and found to be necessary
2. The work spot comes under BBMP Limits
3. The provisions made in the estimate are necessary and minimum
4. The Work is not Split Up
5. This Estimate is Prepared as per KPWD SR for Bangalore Circle Electrical SR 2014-15
6. and DATA Rate Approved and Enclosed in File

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub-Division
Dasarahalli Zone

Executive Engineer
Shettyhalli Sub-Division
Dasarahalli Zone

ನಂ. CE/DD/A1/ಇ-೨/ದಿನಾಂಕ: 24/11/18

ರೂ. Rs. 30.00 lakh only
(Thirty lakh only)

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. ದಿನಾಂಕ:

ರೂ.

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

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ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ.CE/D2/15/32/18-19 ದಿನಾಂಕ: 15/12/2018

ರೂ. Rs. 30 lakhs only
(Rs. Thirty lakhs only)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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